

Form PTO-1449

(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

078096-0102

SERIAL NO.

09/773,534

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Ferdi Schuth et al.

FILING DATE

February 2, 2001

GROUP ART UNIT

2881

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>R</i>	A1	4,099,923	7/11/78	Milberger	23	254R	
<i>R</i>	A2	5,151,474	9/29/92	Lange et al.	526	60	
<i>R</i>	A3	5,959,297	9/28/96	Weinberg et al.	250	288	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>R</i>	A4	0 749 011	1218/96	Europe				
<i>R</i>	A5	97/32208	9/4/97	WIPO				
<i>R</i>	A6	98/15813	4/16/98	WIPO				
<i>R</i>	A7	98/15969	4/16/98	WIPO				
<i>R</i>	A8	99/19724	4/22/99	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>R</i>	A9	WO 99/41005 Abstract only						
<i>R</i>	A10	Derwent Abstract of DE 198 05 719 February 12, 1998						
<i>R</i>	A11	A. Bohren et al., "Optical parametric oscillator based difference frequency laser source for photoacoustic trace gas spectroscopy in the 3 μ m mid-IR range.", Infrared Physics & Technology 38, (1997) pp. 423-435.						
<i>R</i>	A12	Arnold Holzwarth et al., "Detection of Catalytic Activity in Combinatorial Libraries of Heterogeneous Catalysts by IR Thermography.", Angew. Chem. Int. Ed. (1998) vol. 37, No. 19, pp. 2644-2647						
<i>R</i>	A13	Manfred T. Reetz et al., "Time-Resolved IR-Thermographic Detection and Screening of Enantioselectivity in Catalytic Reactions.", Angew. Chem. Int. Ed. (1998) vol. 37, No. 19, pp. 2647-2650						
<i>R</i>	A14	Philippe Repond et al., "Photoacoustic spectroscopy on trace gases with continuously tunable CO ₂ laser.", Applied Optics, vol. 35, No. 21, July 20, 1996, pp. 4065-4085						
<i>R</i>	A15	Markus W. Sigrist, "Laser photoacoustics for gas analysis and materials testing.", Optical engineering, vol. 34, No. 7, 1916-1922						

EXAMINER

DATE CONSIDERED

13 June 2003

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.